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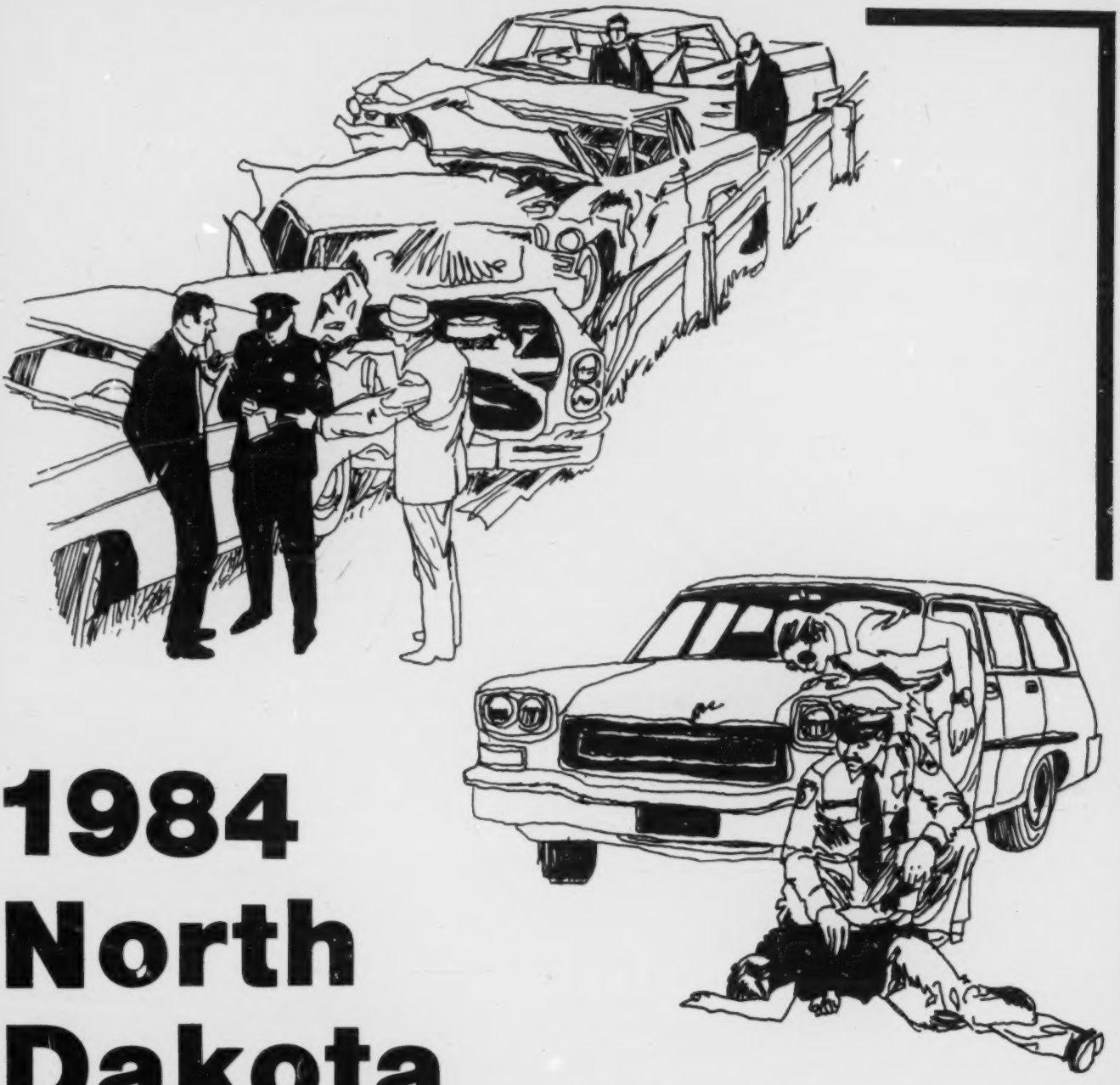

1984 North Dakota Vehicular Accident Facts

Planning Division
North Dakota State Highway Department

NORTH DAKOTA
VEHICULAR ACCIDENT FACTS

July 1985

Prepared by
NORTH DAKOTA STATE HIGHWAY DEPARTMENT
BISMARCK, NORTH DAKOTA

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ACKNOWLEDGEMENTS

The staff in the Accident Records Section of the Department wishes to express appreciation to all of the organizations, agencies, and departments that gave assistance and contributed to the preparation of this publication.

Special appreciation goes to the officers of the North Dakota Highway Patrol, county sheriffs' departments, city police departments, and others who through their routine investigations of traffic accidents have supplied the information contained within.

It is realized that without the efforts of these officers, this publication produced from the Traffic Records System would not be possible.

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INTRODUCTION

This annual publication is a study of the data compiled and developed from an analysis of the motor vehicle traffic accidents for all street and highway systems in North Dakota. This data is received from reports submitted by law enforcement agencies in their investigations of all traffic accidents resulting in death, personal injury, or property damage of $400 or more during 1984.

The Planning Division of the State Highway Department wishes to thank everyone concerned for their cooperation in providing information concerning accidents to the investigating officers so reports such as this can be prepared. Only by a more thorough understanding of the causes of accidents by officials and the general public can we bring about greater safety to those who must use the streets and highways of our state.

You are urged to study this report carefully, for traffic accidents are a problem that concerns each individual motor vehicle driver, bicyclist, and pedestrian. Your understanding of the traffic accident problem will make our state a safer place in which to live.

Whenever possible this office will be glad to furnish any statistical data concerning motor vehicle accidents. For more information contact the Planning Division, North Dakota State Highway Department, 600 E. Boulevard Avenue, Bismarck, North Dakota 58505-0178, phone (701) 224-2537 or (701) 224-4404.

DID YOU KNOW?

1982	1983	1984	
5,381,250,000	5,447,047,000	5,503,584,000	vehicle miles traveled within the state.
15,871	14,699	15,112	traffic accidents occurred in North Dakota.
148	116	100	persons were killed in traffic accidents.
5,814	5,504	5,413	persons were injured in traffic accidents.
52%	50%	45%	of the fatal accidents occurred after dusk and before dawn.
79%	85%	75%	of the fatal accidents occurred on dry surface with clear/cloudy weather conditions.

1984 FACTS AND FIGURES

WHO?

5.5% of all licensed drivers in North Dakota were involved in a traffic accident.
68% of all fatalities were male.
36% of those killed were between the ages of 14-24. Males in this age group account for 41% of all male fatalities. Females in this age group account for 25% of all female fatalities.

Ratio of injured to killed was 5,413 to 100 or 54 to 1.

55% of the fatal accidents involved a single motor vehicle.

WHERE?

18% of the fatal accidents occurred in urban areas.
82% of the fatal accidents occurred in rural areas.

WHEN?

32% of all fatal accidents occurred in July and August.
23% of all fatal accidents occurred on Saturday.
40% of all the fatal accidents occurred on Wednesday and Saturday.
8% of all fatal accidents occurred between 5:00-5:59 a.m.
A reportable accident occurred every 35 minutes.
One person was injured every 1.6 hours.
One person was killed every 3.7 days.

60% of the vehicles involved in accidents were passenger cars.

The total number of registered motorcycles in 1984 was 31,480 compared to 32,134 in 1983.

Of the 385 motorcycles involved in accidents, 7 were involved in fatal accidents and 308 were involved in injury accidents.

Of the 115 pedalcycles involved in accidents, 4 were involved in fatal accidents and 109 were involved in injury accidents.

Of the 38 school buses involved in accidents, 2 were involved in fatal accidents and 12 were involved in injury accidents.

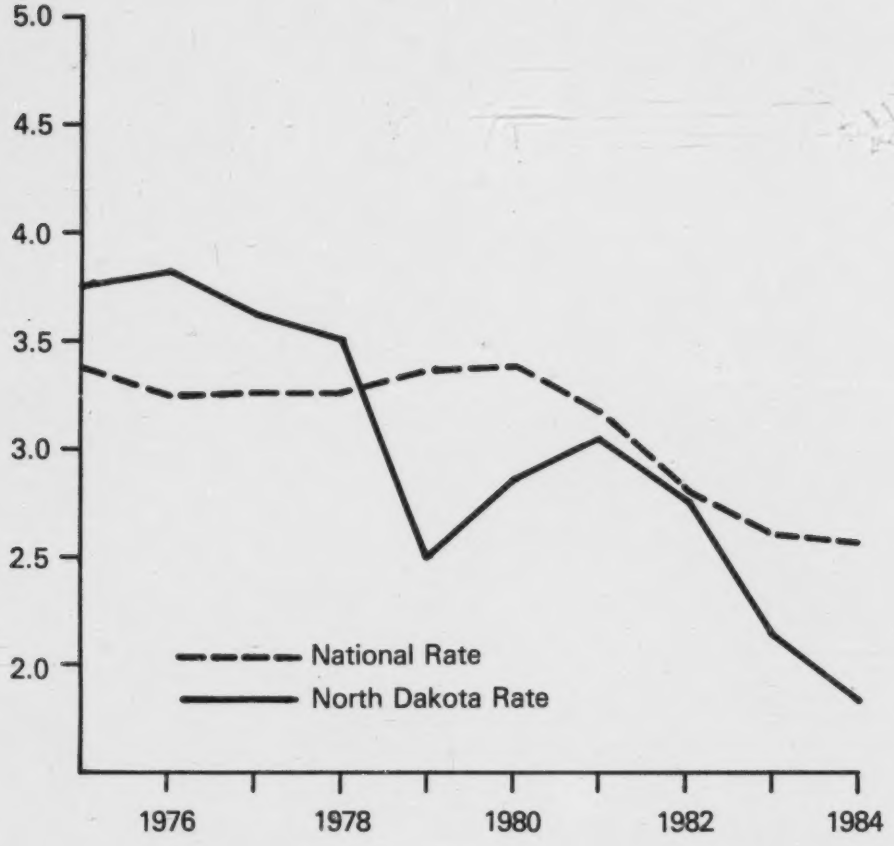
27 emergency vehicles were involved in accidents, none were involved in fatal accidents and 7 were involved in injury accidents.

COST OF TRAFFIC ACCIDENTS

Year	Fatalities Number	Fatalities Estimated Loss*	Injuries Number	Injuries Estimated Loss*	Property Damage Accidents Number	Property Damage Accidents Estimated Loss*	Total Estimated Loss*
1975	169	$48,532,575	5,901	$18,794,685	12,549	$6,525,480	$73,852,740
1976	182	52,265,850	6,252	19,912,620	12,538	6,519,760	78,698,230
1977	180	51,691,500	6,346	20,212,010	13,318	6,925,360	78,828,870
1978	185	53,127,375	6,206	19,766,110	13,756	7,153,120	80,046,605
1979	128	36,758,400	6,386	20,339,410	13,850	7,202,000	64,299,810
1980	151	43,363,425	5,885	18,743,725	10,744	5,586,880	67,694,030
1981	166	47,671,050	6,213	19,788,405	11,069	5,755,880	73,215,335
1982	148	42,501,900	5,814	18,517,590	11,866	6,170,320	67,189,810
1983	116	33,312,300	5,504	17,530,240	10,971	5,704,920	56,547,460
1984	100	$28,717,500	5,413	$17,240,405	11,389	$5,922,280	$51,880,185

*Estimated at $287,175 per fatality, $3,185 per injury and $520 per reportable accident.
Estimated figures published by U.S. Department of Transportation, National Highway Traffic Safety Administration.

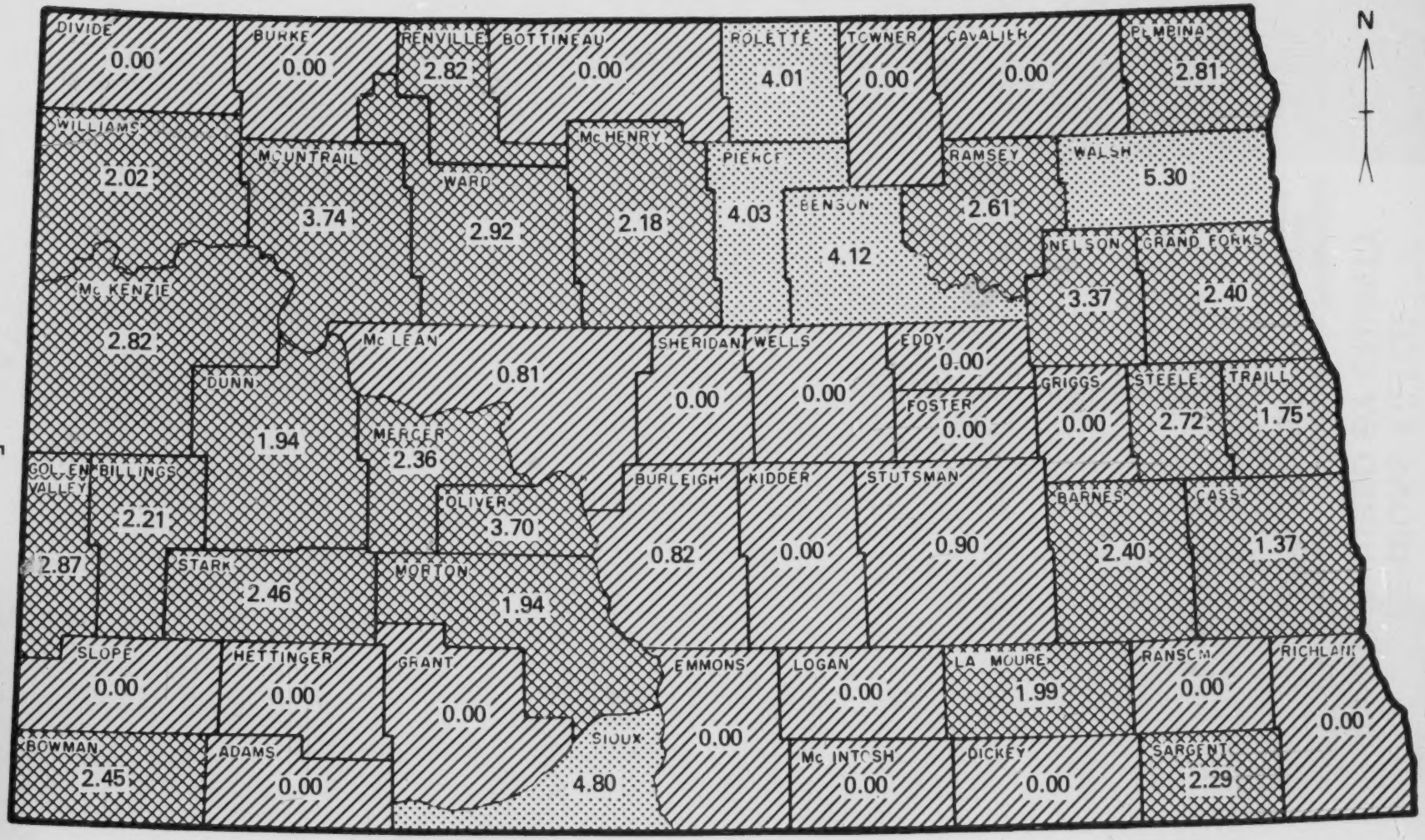
FATALITIES, NORTH DAKOTA AND NATIONAL FATALITY RATE*



YEAR	NORTH DAKOTA FATALITIES	NORTH DAKOTA RATE	NATIONAL** FATALITIES	NATIONAL** RATE
1975	169	3.75	44,525	3.35
1976	182	3.81	45,523	3.25
1977	180	3.63	47,878	3.26
1978	185	3.50	50,331	3.26
1979	128	2.50	51,093	3.34
1980	151	2.85	51,077	3.38
1981	166	3.04	49,338	3.18
1982	148	2.75	43,990	2.80
1983	116	2.13	42,458	2.60
1984	100	1.82	44,250	2.57

*Rate is based on deaths per 100 million vehicle miles traveled.
**National figures are taken from data published by the Federal Highway Administration.

1984 FATALITY RATES BY COUNTY



RATE IS BASED ON DEATHS PER 100 MILLION VEHICLE MILES TRAVELED WITHIN COUNTIES

0.00 - 0.99	24 counties	4.00 - 10.00	5 counties
1.00 - 3.99	24 counties	OVER - 10.00	0 county

NATIONAL RATE 2.57 — NORTH DAKOTA RATE 1.82

BEST AVAILABLE COPY

PERSONS KILLED AND INJURED BY COUNTY

County	Number Killed	Number Injured	Pedestrians Killed	Pedestrians Injured
Adams	—	14	—	—
Barnes	4	120	—	3
Benson	3	55	—	—
Billings	1	21	—	—
Bottineau	—	43	—	—
Bowman	1	29	—	—
Burke	—	30	—	1
Burleigh	3	650	—	21
Cass	9	926	2	21
Cavalier	—	34	—	—
Dickey	—	17	—	2
Divide	—	34	—	—
Dunn	1	25	—	—
Eddy	—	16	—	1
Emmons	—	34	—	1
Foster	—	34	—	—
Golden Valley	1	12	—	—
Grand Forks	10	694	1	19
Grant	—	22	—	—
Griggs	—	28	—	—
Hettinger	—	28	—	—
Kidder	—	35	—	—
LaMoure	1	19	—	1
Logan	—	17	—	—
McHenry	2	39	—	1
McIntosh	—	17	—	—
McKenzie	4	67	—	—
McLean	1	67	—	—
Mercer	2	92	—	2
Morton	5	214	—	4
Mountrail	3	57	—	1
Nelson	2	30	—	—
Oliver	1	29	—	—
Pembina	3	53	—	—
Pierce	2	40	1	—
Ramsey	3	97	1	2
Ransom	—	17	—	1
Renville	1	13	—	—
Richland	—	105	—	2
Rolette	3	93	1	2
Sargent	1	35	—	—
Sheridan	—	15	—	—
Sioux	1	25	1	1
Slope	—	14	—	—
Stark	5	177	1	2
Steele	1	20	—	—
Stutsman	2	258	—	5
Towner	—	19	—	—
Traill	2	61	—	—
Walsh	7	103	—	4
Ward	11	461	—	15
Wells	—	59	—	—
Williams	4	199	—	4
TOTALS	100	5,413	8	116

REPORTABLE ACCIDENTS BY COUNTY

County	Total	Percent	Fatal	Injury	Property Damage
Adams	64	0.4	—	11	53
Barnes	347	2.3	3	89	255
Benson	128	0.8	2	26	100
Billings	54	0.4	1	14	39
Bottineau	176	1.2	—	31	145
Bowman	73	0.5	1	16	56
Burke	65	0.4	—	20	45
Burleigh	1,806	12.0	3	445	1,358
Cass	2,557	16.9	6	642	1,909
Cavalier	109	0.7	—	24	85
Dickey	93	0.6	—	16	77
Divide	58	0.4	—	17	41
Dunn	81	0.5	1	18	62
Eddy	69	0.5	—	11	58
Emmons	95	0.6	—	23	72
Foster	68	0.5	—	18	50
Golden Valley	48	0.3	1	9	38
Grand Forks	1,621	10.7	9	462	1,150
Grant	56	0.4	—	17	39
Griggs	62	0.4	—	16	46
Hettinger	55	0.4	—	18	37
Kidder	81	0.5	—	24	57
LaMoure	62	0.4	1	13	48
Logan	51	0.3	—	8	43
McHenry	148	1.0	1	31	116
McIntosh	64	0.4	—	13	51
McKenzie	186	1.2	4	43	139
McLean	187	1.2	1	41	145
Mercer	268	1.8	2	62	204
Morton	524	3.5	5	139	380
Mountrail	136	0.9	2	29	105
Nelson	109	0.7	2	20	87
Oliver	45	0.3	1	13	31
Pembina	139	0.9	2	39	98
Pierce	98	0.7	2	28	68
Ramsey	318	2.1	3	61	254
Ransom	88	0.6	—	13	75
Renville	58	0.4	1	13	44
Richland	337	2.2	—	71	266
Rolette	202	1.3	3	54	145
Sargent	88	0.6	1	26	61
Sheridan	19	0.1	—	6	13
Sioux	32	0.2	1	12	19
Slope	27	0.2	—	12	15
Stark	556	3.7	4	118	434
Steele	86	0.6	1	13	72
Stutsman	697	4.6	2	185	510
Towner	58	0.4	—	13	45
Traill	171	1.1	2	38	131
Walsh	342	2.3	7	69	266
Ward	1,422	9.4	10	311	1,101
Wells	124	0.8	—	33	91
Williams	704	4.7	3	141	560
TOTALS	15,112	100.0	88	3,635	11,389

MOTOR VEHICLE FATALITIES ON MAJOR HOLIDAYS

Holiday	Beginning Date	Ending Date	Hours*	Number Deaths
Memorial Day	May 25	May 28	78	2
July 4th	July 3	July 4	30	—
Labor Day	Aug. 31	Sept. 3	78	—
Thanksgiving	Nov. 21	Nov. 25	102	1
Christmas	Dec. 21	Dec. 25	102	1
New Years	Dec. 28, 1984	Jan. 1, 1985	102	—
			TOTAL	4

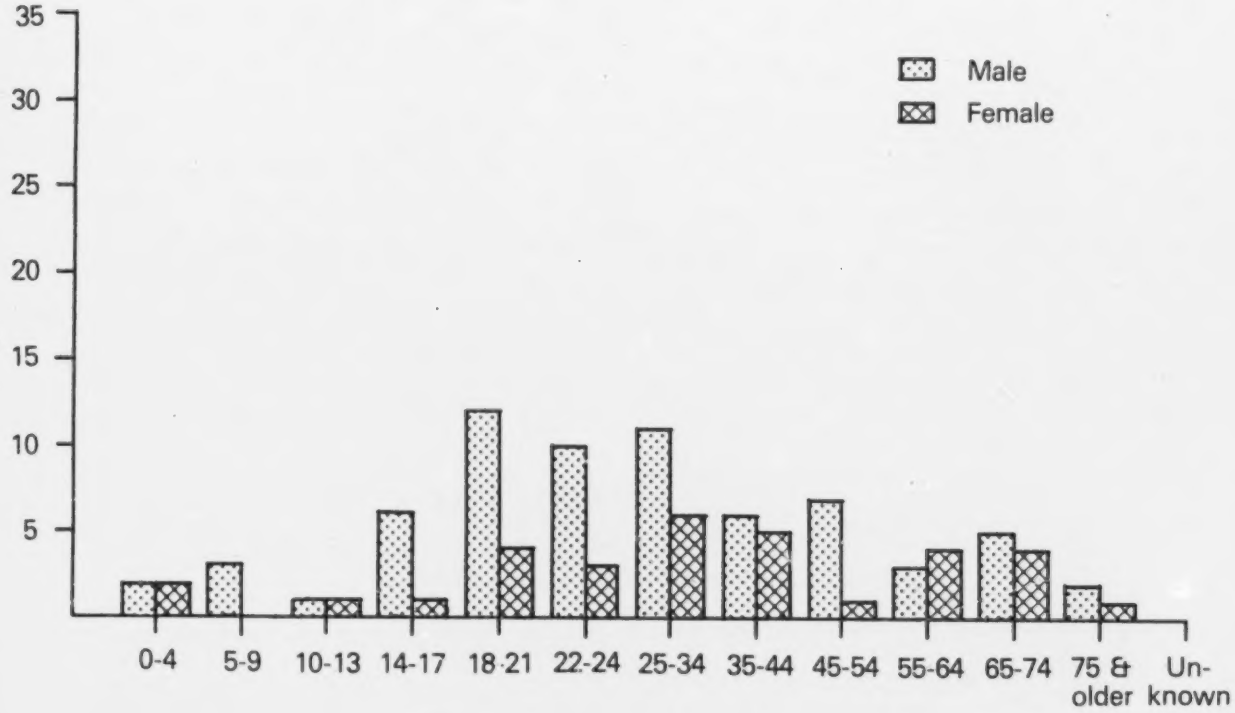
*Holiday hours established by the National Safety Council and begin at 6:00 p.m. on date shown, and end at 12:00 p.m. on date shown.

TOTAL AND FATAL ACCIDENTS BY TIME OF DAY AND DAY OF WEEK

Time of Day	Total Accidents			Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
	Total	%	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals	Accid.	Fatals
12:01 a.m. - 12:59 a.m.	495	3.3	5	28	—	45	1	43	1	40	—	60	—	146	2	133	1
1:00 a.m. - 1:59 a.m.	616	4.1	4	23	—	41	1	57	—	60	—	69	—	185	1	181	2
2:00 a.m. - 2:59 a.m.	306	2.0	2	15	—	25	—	14	—	34	—	31	—	82	—	105	2
3:00 a.m. - 3:59 a.m.	209	1.4	2	6	—	11	—	14	—	16	—	19	—	66	—	77	2
4:00 a.m. - 4:59 a.m.	142	1.0	2	9	—	9	—	7	—	19	1	13	1	38	—	47	—
5:00 a.m. - 5:59 a.m.	161	1.1	6	18	1	17	1	11	—	17	1	19	—	47	2	32	1
6:00 a.m. - 6:59 a.m.	259	1.7	2	40	1	32	—	40	—	40	—	31	—	33	—	43	1
7:00 a.m. - 7:59 a.m.	513	3.4	2	97	—	89	—	69	1	100	1	92	—	32	—	34	—
8:00 a.m. - 8:59 a.m.	657	4.4	3	130	—	128	1	91	—	113	—	108	—	52	1	35	1
9:00 a.m. - 9:59 a.m.	547	3.6	5	95	1	73	—	82	3	87	1	89	—	63	—	58	—
10:00 a.m. - 10:59 a.m.	683	4.5	3	121	—	89	—	92	—	94	1	96	—	115	2	76	—
11:00 a.m. - 11:59 a.m.	769	5.1	—	138	—	80	—	104	—	122	—	131	—	120	—	74	—
12:00 p.m. - 12:59 p.m.	870	5.8	2	153	1	128	—	118	1	130	—	128	—	117	—	96	—
1:00 p.m. - 1:59 p.m.	852	5.6	2	147	—	103	—	107	1	119	1	152	—	121	—	103	—
2:00 p.m. - 2:59 p.m.	893	5.9	4	145	—	129	1	114	1	124	—	139	1	157	1	85	—
3:00 p.m. - 3:59 p.m.	1,123	7.4	6	188	1	167	1	181	—	151	1	185	—	157	1	94	2
4:00 p.m. - 4:59 p.m.	1,079	7.1	4	204	—	154	2	170	—	165	—	160	—	153	2	73	—
5:00 p.m. - 5:59 p.m.	974	6.4	7	170	2	152	—	136	1	152	1	169	2	123	1	72	—
6:00 p.m. - 6:59 p.m.	769	5.1	6	110	1	92	2	87	2	125	—	143	—	130	1	82	—
7:00 p.m. - 7:59 p.m.	681	4.5	6	80	—	105	1	99	4	90	—	100	—	114	1	93	—
8:00 p.m. - 8:59 p.m.	600	4.0	4	87	1	69	—	91	—	76	1	106	—	81	2	90	—
9:00 p.m. - 9:59 p.m.	639	4.2	3	75	—	79	1	93	—	78	1	115	1	105	—	94	—
10:00 p.m. - 10:59 p.m.	687	4.5	2	82	—	60	—	73	—	111	1	147	—	133	1	81	—
11:00 p.m. - 11:59 p.m.	588	3.9	6	69	1	51	—	64	—	76	2	116	1	147	2	65	—
TOTALS	15,112	100.0	88	2,230	10	1,928	12	1,957	15	2,139	13	2,418	6	2,517	20	1,923	12

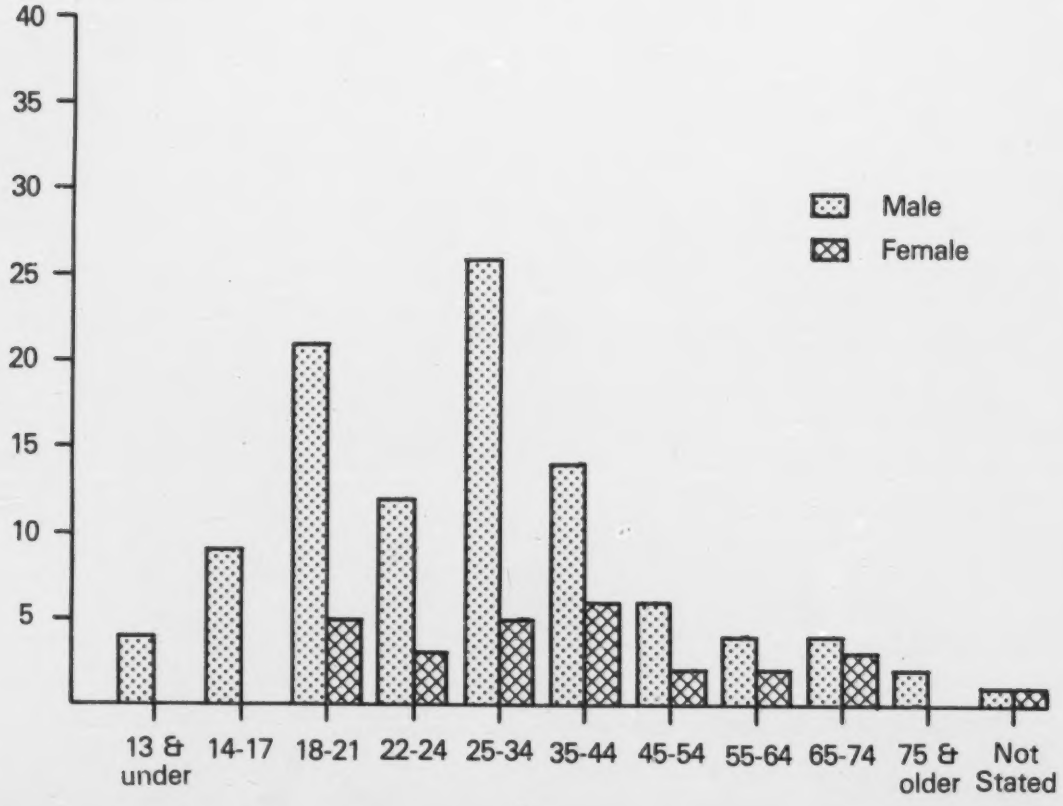
AGE AND SEX OF FATALITIES

Age	Total Fatalities Male	Total Fatalities Female	Pedestrian Fatalities Male	Pedestrian Fatalities Female	Pedalcyclist Fatalities Male	Pedalcyclist Fatalities Female
0 — 4	2	2	—	—	—	—
5 — 9	3	—	1	—	2	—
10 — 13	1	1	—	—	—	—
14 — 17	6	1	—	1	1	—
18 — 21	12	4	—	—	—	—
22 — 24	10	3	—	—	—	—
25 — 34	11	6	—	2	—	—
35 — 44	6	5	—	—	—	—
45 — 54	7	1	—	—	—	—
55 — 64	3	4	1	1	—	—
65 — 74	5	4	—	1	—	—
75 & older	2	1	—	1	—	—
Unknown	—	—	—	—	—	—
TOTAL	68	32	2	6	3	0



AGE AND SEX OF DRIVERS INVOLVED IN FATAL ACCIDENTS

Age	Male	Female	Total	% of Total
13 & under	4	—	4	3.1
14 — 17	9	—	9	6.9
18 — 21	21	5	26	20.0
22 — 24	12	3	15	11.5
25 — 34	26	5	31	23.9
35 — 44	14	6	20	15.4
45 — 54	6	2	8	6.2
55 — 64	4	2	6	4.6
65 — 74	4	3	7	5.4
75 & older	2	—	2	1.5
Not Stated	1	1	2	1.5
TOTAL	103	27	130	100.0



AGE AND SEX OF PERSONS INJURED

Age	Total	All Injuries Percent	Male	Female	Pedestrian Injuries Male	Pedestrian Injuries Female	Pedalcyclist Injuries Male	Pedalcyclist Injuries Female
0 – 4	141	2.6	80	61	9	1	1	–
5 – 9	195	3.6	109	86	17	5	17	9
10 – 13	147	2.7	86	61	9	5	19	6
14 – 17	658	12.2	349	309	2	4	19	5
18 – 21	1,067	19.7	650	417	4	4	9	4
22 – 24	595	11.0	351	244	4	4	5	2
25 – 34	1,009	18.6	594	415	8	4	4	4
35 – 44	476	8.8	252	224	1	1	3	–
45 – 54	332	6.1	147	185	4	3	1	1
55 – 64	294	5.4	151	143	4	6	–	–
65 – 74	201	3.7	88	113	1	2	1	–
75 & older	122	2.3	66	56	7	2	–	–
Unknown	176	3.3	71	105	3	2	2	–
TOTAL	5,413	100.0	2,994	2,419	73	43	81	31

ACCIDENT INVOLVEMENT BY AGE, SEX AND LICENSE OF DRIVER

Age	Licensed Drivers	Percent	Involved in All Accidents	Percent	Involved in Injury Accidents	Percent
13 and under	—	—	106	0.4	70	1.2
14 — 17	21,430	4.8	2,304	9.6	598	10.1
18 — 21	39,727	9.1	4,541	18.8	1,159	19.5
22 — 24	33,705	7.7	2,861	11.9	729	12.3
25 — 34	106,781	24.4	5,631	23.4	1,389	23.4
35 — 44	70,799	16.1	2,940	12.1	691	11.7
45 — 54	52,276	11.9	1,766	7.3	397	6.7
55 — 64	51,228	11.7	1,612	6.7	393	6.6
65 — 74	41,032	9.4	1,097	4.6	284	4.8
75 and older	21,334	4.9	1,230	5.1	212	3.6
Not Stated	—	—	20	0.1	3	0.1
TOTAL	438,312	100.0	24,108	100.0	5,925	100.0
Sex						
Male	227,110	51.8	15,727	65.2	3,862	65.2
Female	211,202	48.2	7,754	32.2	1,997	33.7
Not Stated	—	—	627	2.6	66	1.1
TOTAL	438,312	100.0	24,108	100.0	5,925	100.0

DRIVER INVOLVEMENT

License	All Accidents	Percent	Injury Accidents	Percent
North Dakota	19,991	82.9	4,862	82.1
Out-of-State	3,047	12.6	779	13.1
Unknown	1,070	4.5	284	4.8
TOTAL	24,108	100.0	5,925	100.0

ALCOHOL STATISTICS

The North Dakota Century Code requires that the State Toxicologist analyze a blood sample of every person killed in a traffic accident for the purpose of determining if the individual has a Measurable Blood Alcohol Content (BAC), and what the percentage of BAC was. The following statistics were provided by the State Toxicologist for the period January 1975 thru December 1984.

	1984	January 1975 thru December 1984
Traffic Deaths in North Dakota	100	1,691
Victims 14 years of age and older	91	1,581
Number of satisfactory blood samples analyzed	59	1,109
Victims	100 (59)*	1,691 (1,109)*
Measurable BAC	34 or 58%	707 or 64%
BAC of 0.05% or higher	30 or 51%	638 or 58%
BAC of 0.10% or higher	27 or 46%	557 or 50%
BAC of 0.15% or higher	23 or 39%	447 or 40%
BAC of 0.20% or higher	14 or 24%	281 or 25%
Drivers Killed	59 (41)	1,090 (792)
Measurable BAC	26 or 63%	514 or 65%
BAC of 0.05% or higher	23 or 56%	472 or 60%
BAC of 0.10% or higher	21 or 51%	423 or 53%
BAC of 0.15% or higher	18 or 44%	341 or 43%
BAC of 0.20% or higher	11 or 27%	221 or 28%
Drivers Killed in Single Vehicle Accidents	25 (21)	472 (366)
Measurable BAC	17 or 81%	291 or 80%
BAC of 0.05% or higher	16 or 76%	281 or 77%
BAC of 0.10% or higher	15 or 71%	265 or 72%
BAC of 0.15% or higher	13 or 62%	217 or 59%
BAC of 0.20% or higher	6 or 29%	147 or 40%
Victims 14 to 20 Years of Age	18 (12)	420 (289)
Measurable BAC	8 or 67%	198 or 69%
BAC of 0.05% or higher	7 or 58%	164 or 57%
BAC of 0.10% or higher	5 or 42%	131 or 45%
BAC of 0.15% or higher	2 or 17%	82 or 28%
BAC of 0.20% or higher	1 or 8%	35 or 12%
Drivers 14 to 20 Years of Age	12 (9)	240 (179)
Measurable BAC	7 or 78%	121 or 68%
BAC of 0.05% or higher	6 or 67%	106 or 59%
BAC of 0.10% or higher	4 or 44%	89 or 50%
BAC of 0.15% or higher	2 or 22%	57 or 32%
BAC of 0.20% or higher	1 or 11%	26 or 15%

*Numbers in parenthesis are the number of blood samples processed by the State Toxicologist.

DRIVERS LICENSE DIVISION
TRAFFIC VIOLATIONS/CONVICTIONS

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	1984	1983
No Driver's License	307	246	137	134	220	200	160	452	295	608	268	141	3,168	3,838
Reckless Driving	67	61	44	44	72	52	30	70	51	105	48	51	695	710
Speeding	7,822	7,105	3,889	4,283	5,179	4,476	2,487	8,473	5,644	13,770	7,106	5,170	75,404	97,200
Stop Sign	567	485	259	300	360	245	148	481	332	814	502	402	4,895	6,255
Careless Driving	117	117	96	39	109	80	40	121	86	169	97	96	1,167	1,375
Lv/Scene - Property Damage	24	21	28	21	23	13	13	25	8	20	15	27	238	308
Care Required	468	315	137	207	179	152	72	278	213	510	304	250	3,085	3,166
Exhibition Driving	187	120	66	77	133	113	72	227	173	360	202	110	1,840	2,305
Open Bottle, Over 21	183	137	94	102	99	90	35	199	134	232	133	104	1,542	2,601
Open Bottle, Under 21	96	87	37	60	79	53	35	134	88	153	89	51	962	1,610
Failure to Yield	273	217	70	103	86	74	35	138	92	238	153	143	1,622	1,710
Failed to Report Accident	97	67	38	24	25	25	17	38	37	68	49	44	529	577
Disobey Traffic Control	465	416	180	211	233	154	89	280	173	462	349	375	3,387	4,184
No Liability Insurance	96	105	58	45	62	39	28	77	54	143	91	85	883	555
Fleeing Law Officer in MV	31	23	13	15	27	16	25	32	18	35	19	18	272	342
Driving Under Influence	567	155	115	693	942	532	165	565	589	503	221	293	5,340	6,471
Physical Control	66	28	24	69	88	52	15	40	40	51	9	33	515	1,125
Driving Under Susp./Revoc.	154	228	153	232	209	230	187	159	218	273	123	215	2,381	2,627
Violation of DL Restrictions	21	13	8	9	9	8	1	18	17	32	5	9	150	184
Drag Race/MV on Highway	6	9	4	2	8	3	2	26	7	20	13	6	106	81
Miscellaneous	1,091	1,146	818	884	913	976	511	1,523	935	1,875	923	729	12,324	15,035
TOTALS	12,705	11,101	6,268	7,554	9,055	7,583	4,167	13,356	9,204	20,441	10,719	8,352	120,505	152,259

ACCIDENTS BY TYPE OF DRIVER VIOLATION/CIRCUMSTANCE

Violation/ Circumstance	All Accidents			Fatal Accidents			Injury Accidents		
	Total	Cited	Not Cited	Total	Cited	Not Cited	Total	Cited	Not Cited
D.U.I	781	773	8	11	9	2	412	408	4
Open Container	10	10	—	—	—	—	6	6	—
Drivers License	373	344	29	2	1	1	143	130	13
Careless Driving	2,286	2,008	278	5	5	—	713	622	91
Left. Acc. Scene	373	351	22	—	—	—	59	54	5
Fail to Yield	1,958	1,601	357	4	2	2	535	436	99
Traffic Control	475	370	105	1	—	1	155	125	30
Following	302	252	50	—	—	—	87	69	18
Improper Turning	151	113	38	—	—	—	15	12	3
Improper Backing	168	140	28	—	—	—	4	4	—
Overtaking	85	72	13	—	—	—	13	12	1
Wrong Way	62	51	11	3	1	2	17	14	3
Speed	26	13	13	1	—	1	7	3	4
Defective Equip.	72	46	26	—	—	—	15	12	3
Criminal Offense	8	8	—	—	—	—	—	—	—
Illegal Parking	8	7	1	1	1	—	3	2	1
Other	31	28	3	—	—	—	13	13	—
Unknown	336	309	27	3	2	1	92	85	7
Not Stated	16,603	—	16,603	99	—	99	3,636	—	3,636
TOTALS	24,108	6,496	17,612	130	21	109	5,925	2,007	3,918

ACCIDENT SUMMARY BY MONTH

Month	Total Accidents	Percent	Fatal Accidents	Injury Accidents	No. Deaths	No. Injured
January	1,512	10.0	3	305	3	441
February	1,202	8.0	4	259	5	391
March	1,187	7.9	2	232	3	336
April	968	6.4	6	218	8	314
May	989	6.5	7	299	9	451
June	1,141	7.6	9	324	10	476
July	1,193	7.9	16	376	18	568
August	1,186	7.8	12	357	12	543
September	1,217	8.0	7	337	7	486
October	1,388	9.2	5	330	5	498
November	1,409	9.3	7	286	7	442
December	1,720	11.4	10	312	13	467
TOTALS	15,112	100.0	88	3,635	100	5,413

ROAD SURFACE AND WEATHER CONDITIONS

FATAL ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	66	4	—	—	2	3	4	1	80
	—	—	—	—	—	1	—	—	1
	—	—	—	—	1	2	—	—	3
	—	—	—	—	—	1	—	—	1
	—	—	—	—	1	—	—	—	1
	1	—	—	—	—	—	—	—	1
	—	—	—	—	—	—	—	1	1
TOTAL	67	4	—	—	4	7	4	2	88

ROAD SURFACE AND WEATHER CONDITIONS

INJURY ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	2,317	164	6	30	27	419	93	11	3,067
	3	203	2	—	1	17	1	1	228
	1	18	—	31	11	67	1	—	129
	18	2	—	13	4	73	—	1	111
	—	1	—	—	3	34	—	1	39
	15	3	—	—	—	4	5	—	27
	4	—	—	—	1	3	—	—	8
	6	2	—	—	—	6	—	12	26
TOTAL	2,364	393	8	74	47	623	100	26	3,635

ROAD SURFACE AND WEATHER CONDITIONS

ALL ACCIDENTS

	Dry	Wet	Muddy	Snow	Slush	Ice/ Comp. Snow	Frost	Other	Total
	8,525	746	39	224	115	2,464	319	64	12,496
	23	769	18	—	7	62	1	1	881
	17	84	4	166	58	541	3	3	876
	51	7	—	75	8	308	1	3	453
	1	6	—	2	16	131	2	3	161
	39	15	—	—	1	17	16	2	90
	12	1	—	1	1	8	1	—	24
	28	13	—	3	2	27	1	57	131
TOTAL	8,696	1,641	61	471	208	3,558	344	133	15,112

ACCIDENTS BY LIGHT CONDITIONS

	Total Accidents	Percent	Fatal Accidents	Injury Accidents
	9,133	60.4	40	2,237
	279	1.9	4	56
	579	3.8	4	119
	2,459	16.3	7	610
	2,630	17.4	33	609
	32	0.2	—	4
TOTAL	15,112	100.0	88	3,635

RESTRAINT DEVICE USAGE AND EJECTION OF OCCUPANTS IN PASSENGER CARS AND PICKUPS

Safety Equipment	Not Ejected			Partial Ejection			Total Ejection		
	Killed	Injured	All	Killed	Injured	All	Killed	Injured	All
Not in Use (NA)	53	3,995	7,636	4	32	40	22	160	194
Lap Only	—	96	215	2	1	3	—	—	—
Lap & Shoulder	5	228	401	—	2	2	—	1	1
Child Restraint	—	33	105	—	—	—	—	1	1
Auto Belts	—	6	10	—	—	—	—	—	—
Air Bags	—	—	1	—	—	—	—	—	—
Equip. Failed	—	—	1	—	—	—	—	—	—
Other	—	6	10	—	—	—	—	1	1
Unknown	3	87	157	—	—	—	1	1	2
TOTAL	61	4,451	8,536	6	35	45	23	164	199

TYPE OF MOTOR VEHICLE TRAFFIC ACCIDENTS

NUMBER OF ACCIDENTS

	TOTAL				ON ROADWAY				OFF ROADWAY			
	Total	Fatal	Injury	Damage	Total	Fatal	Injury	Damage	Total	Fatal	Injury	Damage
Overturning	1,509	25	669	815	140	6	84	50	1,369	19	585	765
Other Noncollision	204	1	76	127	60	1	24	35	144	—	52	92
Pedestrian	117	7	107	3	109	6	100	3	8	1	7	—
Struck Other MV	8,391	33	1,946	6,412	8,257	32	1,925	6,300	134	1	21	112
Parked MV	1,352	—	129	1,223	—	—	—	—	1,352	—	129	1,223
RR Train	22	2	6	14	21	2	6	13	1	—	—	1
Pedalcyclist	110	3	105	2	104	2	101	1	6	1	4	1
Animal	1,391	1	45	1,345	1,388	1	44	1,343	3	—	1	2
Fixed Object	1,851	15	521	1,315	96	—	33	63	1,755	15	488	1,252
Fire/Explosion	35	—	2	33	17	—	—	17	18	—	2	16
Submersion	7	—	1	6	—	—	—	—	7	—	1	6
Other Object	122	1	27	94	51	—	13	38	71	1	14	56
Unknown	1	—	1	—	—	—	—	—	1	—	1	—
TOTAL	15,112	88	3,635	11,389	10,243	50	2,330	7,863	4,869	38	1,305	3,526

NUMBER OF PERSONS INVOLVED

	Total	Fatalities	Incapacitating Injury	Evident Injury	Possible Injury	No Injury
Overturning	2,353	26	176	405	334	1,412
Other Noncollision	328	1	15	58	21	233
Pedestrian	275	7	33	49	30	156
Struck Other MV	24,833	43	400	1,126	1,702	21,562
Parked MV	1,825	—	14	88	63	1,660
RR Train	29	2	4	5	—	18
Pedalcyclist	263	3	22	55	33	150
Animal	2,279	1	8	22	25	2,223
Fixed Object	2,745	16	136	331	217	2,045
Fire/Explosion	52	—	1	1	—	50
Submersion	12	—	—	—	1	11
Other Object	181	1	5	10	22	143
Unknown	1	—	—	1	—	—
TOTAL	35,176	100	814	2,151	2,448	29,663

*SUMMARY OF REPORTABLE ACCIDENTS BY CITY

POPULATION 5,000 AND OVER

	Total	Fatal	Injury	Damage	Number Killed	Number Injured
Fargo	1,999	2	494	1,503	2	699
Grand Forks	1,195	2	365	828	2	532
Bismarck	1,593	2	377	1,214	2	548
Minot	1,128	4	233	891	4	335
Jamestown	451	—	115	336	—	154
Dickinson	410	1	79	330	1	106
Williston	437	1	78	358	1	104
Mandan	294	1	92	201	1	140
Valley City	157	1	39	117	1	53
Devils Lake	186	1	43	142	1	68
Wahpeton	165	—	37	128	—	51
Grafton	139	—	32	107	—	37
West Fargo	186	1	52	133	1	90
TOTALS	8,340	16	2,036	6,288	16	2,917

VEHICLE INVOLVEMENT BY TYPE

	Total Accidents	Percent	Fatal Accidents	Injury Accidents
Passenger Car	15,329	59.6	67	3,772
Pickup - Van - Jeep	5,348	20.8	23	1,208
Truck Tractor	543	2.1	11	129
Truck	479	1.9	8	107
Taxi	5	—	—	2
Bus	35	0.1	1	10
School Bus	38	0.1	2	12
Motorcycle	385	1.5	7	308
Moped	16	0.1	—	15
Pedalcycle	115	0.4	4	109
Construction Equipment	33	0.1	—	8
Snowmobile	5	—	—	4
Emergency Equipment	27	0.1	—	7
Train	22	0.1	2	7
Motor Home/R.V.	37	0.1	—	7
Farm Equipment	45	0.2	2	8
Parked	3,128	12.2	3	361
Other	40	0.2	1	17
Unknown	109	0.4	2	22
TOTALS	25,739	100.0	133	6,113

*Does not include Interstate Urban accidents.

ACCIDENTS BY OBJECT STRUCK

	All Urban	All Rural	Fatal Urban	Fatal Rural	Injury Urban	Injury Rural
None	7,331	3,843	13	51	1,721	1,055
Official Sign	120	138	—	2	33	31
Advertising Sign	9	4	—	—	3	1
Delineator	12	64	1	—	2	10
Guard Rail	42	137	—	4	13	35
Light Standard	123	28	—	—	39	2
Bridge	24	77	—	2	9	23
Drainage Structure	5	55	—	1	3	21
Utility Pole	139	87	—	—	41	25
Tree	168	143	—	1	69	51
Rocks	2	28	—	—	1	7
Roadway Slope	18	236	—	3	11	94
Fence	50	119	—	—	7	33
Animal	16	1,377	—	1	—	46
Hydrant	48	11	—	—	11	2
Approach	3	203	—	4	2	118
Building	51	46	1	1	13	7
Mailbox	16	42	—	—	5	7
Snowbank	13	25	—	—	4	6
Curb/Wall	68	8	—	—	30	1
Other	82	101	1	2	19	24
TOTAL	8,340	6,772	16	72	2,036	1,599

ACCIDENTS BY POPULATION AND ROADWAY

URBAN (Over 5,000 Population)

*Urban Population	NUMBER OF ACCIDENTS TOTAL				NUMBER OF PERSONS TOTAL	
	Total	Fatal	Injury	Damage	Killed	Injured
5,000 — 10,000	647	2	151	494	2	209
10,000 — 25,000	1,778	4	416	1,358	4	594
25,000 — 50,000	3,916	8	975	2,933	8	1,415
50,000 — 100,000	1,999	2	494	1,503	2	699
TOTAL	8,340	16	2,036	6,288	16	2,917

URBAN

Urban Roadways	Total	Fatal	Injury	Damage	Killed	Injured
Interstate	162	1	44	117	1	62
Federal-aid Primary	2,454	5	675	1,774	5	1,011
Federal-aid Urban	3,515	7	900	2,608	7	1,283
Local	2,371	4	461	1,906	4	623
SUBTOTAL	8,502	17	2,080	6,405	17	2,979

RURAL

Rural Roadways	Total	Fatal	Injury	Damage	Killed	Injured
Interstate	529	6	109	414	8	184
Federal-aid Primary	2,269	30	576	1,663	37	954
Federal-aid Secondary	1,285	11	357	917	13	526
Local	2,527	24	513	1,990	25	770
SUBTOTAL	6,610	71	1,555	4,984	83	2,434
TOTAL	15,112	88	3,635	11,389	100	5,413

*Does not include Interstate urban accidents. Interstate is considered a rural roadway.

NON-TRAFFIC ACCIDENTS*

	ACCIDENTS			
	Total	Fatal	Injury	Damage
Overturning	60	5	24	31
Other Noncollision	12	—	5	7
Pedestrian	32	1	28	3
Struck Other MV	583	—	46	537
Parked MV	901	—	13	888
RR Train	6	1	—	5
Pedalcyclist	9	—	9	—
Animal	1	—	—	1
Fixed Object	355	—	48	307
Other Object	3	—	—	3
Fire/Explosion	3	—	—	3
Submersion	32	—	7	25
Unknown	2	—	1	1
TOTAL	1,999	7	181	1,811

	PERSONS					
	Total	Fatalities	Incap. Injury	Evident Injury	Possible Injury	None
Overturning	80	5	11	17	4	43
Other Noncollision	16	—	2	2	1	11
Pedestrian	82	1	9	11	8	53
Struck Other MV	1,584	—	5	19	36	1,524
Parked MV	1,050	—	2	7	5	1,036
RR Train	7	1	—	—	—	6
Pedalcyclist	24	—	—	6	3	15
Animal	1	—	—	—	—	1
Fixed Object	473	—	6	36	20	411
Other Object	4	—	—	—	—	4
Fire/Explosion	8	—	—	—	—	8
Submersion	44	—	1	4	5	34
Unknown	2	—	—	—	1	1
TOTAL	3,375	7	36	102	83	3,147

*Any accident involving motor vehicles occurring entirely outside of a public traveled way.